



Contact characteristics

Contact configuration			1 C/O
Rated insulation voltage U_i IEC/EN	V		250
Rated impulse withstand voltage U_{imp}	kV		4
IEC Conventional free air thermal current $I_{th} \leq 40^\circ\text{C}$	A		16
Maximum instantaneous current	A		60
Rated current (I_n)	A		16
Max contrrollable power in	AC-1	W	3840
	AC-15	VA	150
Rated operating power AC-1		VA	4000
	230 VAC	VA	500
Rated operating power AC-15		VA	500
	230VAC	kW	0.37
Single-phase motor control	30V	A	10
	110V	A	0.3
	220V	A	0.12
Rated operating current DC-1	V / mA		5 / 100
	m Ω		100
Minimum switching load			AgSnO ₂
Contact impedance			
Contact material			

Operating times

Closing	ms	<15
Opening	ms	<5

Operations

Mechanical life	cycles	10000000
Electrical life AC1	cycles	100000

Coil characteristics

Relay control voltage	V	24VDC
Average coil consumption DC at 20°C	W	0.7

Operating range

Maximum cycle frequency	Closing	% U_n	75...110
	Opening	% U_n	10...30
Maximum cycle frequency	cycles/h		3600

Mechanical features

Max socket terminal tightening torque	Nm	0.6	
Socket screw tightening tool (cross / flat blade)		PH1 / 4.5mm	
Conductor section	AWG/Kcmil	min	20
		max	14
Conductor section	IEC	min	mm ² 0.5

	max	mm ²	2.5
Operating position	normal	Any	
Fixing	On 35mm DIN rail and with screw		

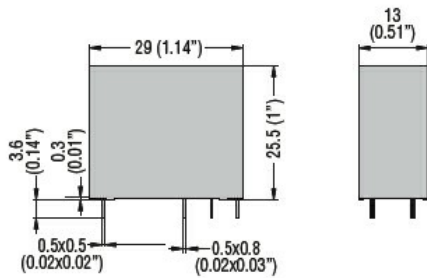
Ambient conditions

Temperature	Operating temperature		
	min	°C	-40
	max	°C	+85
	Storage temperature		
	min	°C	-40
	max	°C	+85

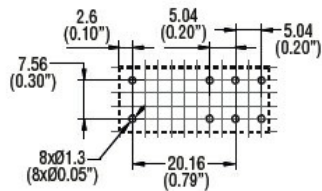
Other features

Indication	No
Mechanical contact position indicator	No
Mechanical test actuator	No

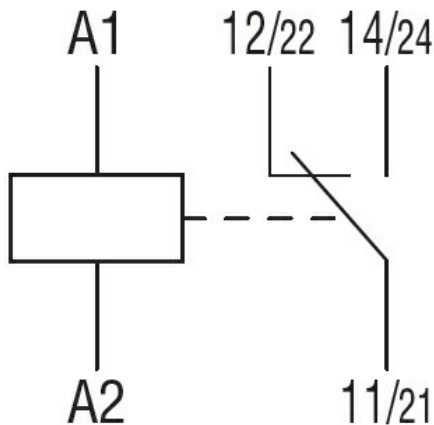
Dimensions



PCB layout



Wiring diagrams



Certifications and compliance

Compliance	IEC/EN 61810
------------	--------------

Certificates

cURus

ETIM classification

ETIM 8.0

EC001437 –
Switching relay